

Item	19' Rack Battery Pack		
Product Name			
Ah Capacity	51.2V 50Ah	51.2V 100Ah	51.2V 150Ah
Energy Capacity	2.56KWH	5.12KWH	7.68KWH
Cell Type	3.2V LiFePO4 prismatic cell		
Cell Number	16 cells	32 cells	48 cells
Cell Capacity	50Ah	100Ah	100Ah
Cell Connection	16S	2P16S	3P16S
Typical Voltage	51.2VDC		
Working Voltage Range	44.8V-57.6V		
Dynamic voltage difference between cells	≤50mv		
Maximum Discharging Current	50A	100A	100A
Maximum Charging Current	35A	70A	100A
BMS Integrated	Yes		
BMS Communication	RS232, RS485, CAN		
BMS Active Equalization	Yes		
SOC Range	5% - 95%		
Usable Capacity	2.4kWh	4.8kWh	7.3kWh
Lifespan	5000cycles @ 0.5C		
Warranty	10MWh per kWh BTT or 5 years, which one comes sooner		
Working Temperature Range	Charge : 0°C ~ 45°C, Discharge : -20°C ~ 45°C		
Storage Temperature Range	(-20°C ~ 45°C)		
Power Connection	IP67 push and plug connector		
Self-consumption 25°C 40%SOC	2% per month		
Dimensions	3U 300x133x428mm	3.5U 483x150x428mm	4.5U 383x200x620mm
Weight	25KG	48KG	72KG